

AMENDMENTS TO THE CLAIMS

Claims 1-30 are pending in the instant application. Claims 1-9, 11-19, and 21-30 have been amended. The Applicant requests reconsideration of the claims in view of the following amendments reflected in the listing of claims.

Listing of claims:

1. (Currently Amended) A method for processing data in a server, the method comprising:

receiving at least one packet;

determining at least one data-processing function associated with said at least one received packet, based on said at least one received packet; and

steering said at least one received packet to ~~at least one~~ one or more of a plurality of blade servers that handles said determined data-processing function.

2. (Currently Amended) The method according to claim 1, ~~further~~ comprising generating at least one association between a particular packet characteristic of said at least one packet and a particular data-processing function associated with said at least one packet.

3. (Currently Amended) The method according to claim 2, wherein said particular packet characteristic is ~~at least one~~ one or more of a packet type, a packet field and a flag.

4. (Currently Amended) The method according to claim 2, further comprising assigning at least one of said plurality of blade servers for handling said particular data-processing function.

5. (Currently Amended) The method according to claim 1, further comprising determining which of said plurality of blade servers handles said determined at least one data-processing function associated with said at least one received packet.

6. (Currently Amended) The method according to claim 1, further comprising processing said steered at least one received packet by said ~~at least one~~ one or more of a plurality of blade servers that handles said determined data-processing function.

7. (Currently Amended) The method according to claim 1, further comprising assigning a default blade server, selected from said plurality of blade servers, for handling said at least one received packet.

8. (Currently Amended) The method according to claim 7, further comprising steering said at least one packet to said default blade server if at least one of:

said at least one received packet is unrecognized; and

said at least one received packet contains a particular data.

9. (Currently Amended) The method according to claim 1, further comprising controlling steering of said at least one packet by at least one of said plurality of blade servers.

10. (Original) The method according to claim 9, wherein said at least one of said plurality of blade servers controlling said steering is a switch blade.

11. (Currently Amended) A machine-readable storage having stored thereon, a computer program having at least one code section for processing data in a server, the at least one code section being executable by a machine for causing the machine to perform steps comprising:

receiving at least one packet;

determining at least one data-processing function associated with said at least one received packet, based on said at least one received packet; and

steering said at least one received packet to ~~at least one~~ one or more of a plurality of blade servers that handles said determined data-processing function.

12. (Currently Amended) The machine-readable storage according to claim 11, ~~further~~ comprising code for generating at least one association between a particular packet characteristic of said at least one packet and a particular data-processing function associated with said at least one packet.

13. (Currently Amended) The machine-readable storage according to claim 12, wherein said particular packet characteristic is ~~at least one~~ one or more of a packet type, packet field and a flag.

14. (Currently Amended) The machine-readable storage according to claim 12, ~~further~~ comprising code for assigning at least one of said plurality of blade servers for handling said particular data-processing function.

15. (Currently Amended) The machine-readable storage according to claim 11, ~~further~~ comprising code for determining which of said plurality of blade servers handles said determined at least one data-processing function associated with said at least one received packet.

16. (Currently Amended) The machine-readable storage according to claim 11, ~~further~~ comprising code for processing said steered at least one received packet by said ~~at least one~~ one or more of a plurality of blade servers that handles said determined data-processing function.

17. (Currently Amended) The machine-readable storage according to claim 11, ~~further~~ comprising code for assigning a default blade server, selected from said plurality of blade servers, for handling said at least one received packet.

18. (Currently Amended) The machine-readable storage according to claim 17, ~~further~~ comprising code for steering said at least one packet to said default blade server if at least one of:

said at least one received packet is unrecognized; and

said at least one received packet contains a particular data.

19. (Currently Amended) The machine-readable storage according to claim 11, ~~further~~ comprising code for controlling steering of said at least one packet by at least one of said plurality of blade servers.

20. (Original) The machine-readable storage according to claim 19, wherein said at least one of said plurality of blade servers controlling said steering is a switch blade.

21. (Currently Amended) A system for processing data in a server, the system comprising:

at least one blade server that receives at least one packet;

said at least one blade server determines at least one data-processing function associated with said at least one received packet, based on said at least one received packet; and

said at least one blade server steers said at least one received packet to at ~~least one~~ one or more of a plurality of other blade servers that handles said determined data-processing function.

22. (Currently Amended) The system according to claim 21, wherein said at least one blade server and at least one of said plurality of other blade servers generates at least one association between a particular packet characteristic of said at least one packet and a particular data-processing function associated with said at least one packet.

23. (Currently Amended) The system according to claim 22, wherein said particular packet characteristic is ~~at least one~~ one or more of a packet type, a packet field, and a flag.

24. (Currently Amended) The method according to claim 22, wherein said at least one blade server and said at least one of said plurality of other blade servers assigns at least one of said plurality of blade servers to handle said particular data-processing function.

25. (Currently Amended) The system according to claim 21, wherein said at least one blade server determines which of said plurality of other blade servers handles said determined at least one data-processing function associated with said at least one received packet.

26. (Currently Amended) The system according to claim 21, wherein said at ~~least one~~ one or more of said plurality of other blade servers that handles said determined data-processing function processes said steered at least one received packet.

27. (Currently Amended) The system according to claim 21, wherein said at least one blade server and at least one of said plurality of other blade servers,

selected from said plurality of blade servers, assigns a default blade server for handling said at least one received packet.

28. (Currently Amended) The system according to claim 27, wherein said at least one blade server and at least one of said plurality of other blade servers steers said at least one packet to said default blade server, if at least one of:

said at least one received packet is unrecognized; and

said at least one received packet contains a particular data.

29. (Currently Amended) The system according to claim 21, further comprising controlling steering of said at least one packet by said at least one blade server.

30. (Currently Amended) The system according to claim 29, wherein said at least one blade server that controls said steering is a switch blade.